For Postal Delivery
Department of Labor and Industries
Factory Assembled Structures
PO Box 44430
Olympia WA 98504-4430

For Non-Postal Delivery (e.g., FedX, UPS)
Department of Labor and Industries
Factory Assembled Structures
7273 Linderson Way SW (MS: 4430)
Tumwater WA 98501

www.wa.gov/lni/FAS/
(case sensitive)

☐ FB
☐ CC
☐ WA Only
☐ WA Rev/OR Courtesy
☐ OR Rev/WA Courtesy
☐ _____ Other state reciprocity
State ID

Fill out completely

Manufacturer	Mfg No.
Plans to be returned to: Address	
City/State/ZIP	

FOR DEPARTMENT USE ONLY

Fee Ledger Sheet No.		Application ID
Ap No.	Date approved	Expiration date

ELECTRICAL PLAN APPROVAL REQUEST
FACTORY BUILT STRUCTURES & COMMERCIAL COACHES

Contact person's printed name:	Date	Fee enclosed $
Signature	Phone No ( )	FAX No ( )

☐ New plan ☐ Addendum ☐ Renewal ☐ Resubmittal
Plan Approval No. _____ Building
Serial No _____ Area Sq. Ft. _____

Electrical service:
Amps _____
Phase ☐ 1 ☐ 3

Occupancy Group _____
Use

Installation location | City | State | ZIP + 4 | County

ELECTRICAL PLAN REVIEW (When required by WAC 296-46-140, Plan review for educational, institutional or health care facilities and other buildings. See WAC 296-150 C/F-3000 for fee schedule)	Unit	Unit Amount	Total Amount
Electrical plan submission fee			
Service/Feeder ampacity: Each design option is additional			
0 - 100			
101 - 200			
201 - 400			
401 - 600			
601 - 800			
801 - 1000			
Over 1000			
Over 600 volts surcharge			
Thermostats:			
First			
Each additional			
Low voltage fire alarm and burglar alarm:			
Each control panel and up to four circuits or zones			
Each additional circuit or zone			
Generators, refer to appropriate service/feeder ampacity fees			
Note: Altered services or feeders shall be charged to the fee schedule rate per the service/feeder ampacity fees			
Supplemental submission of plans (resubmittals, addendum's, renewals, code updates, etc.) shall be charged per hour or fraction of an hour			
		Total Fees Paid	$

Please check the items submitted

1. Electrical floor plans, related drawings - minimum of two complete sets required. Number of sheets:			
2. One line/riser diagram:	☐ Yes	☐ No	Comments:
3. Specifications:	☐ Yes	☐ No	Comments:
4. Load calculations:	☐ Yes	☐ No	Comments:
5. Fault calculations:	☐ Yes	☐ No	Comments:
6. Metered demand records:	☐ Yes	☐ No	Comments:
7. Panel schedules:	☐ Yes	☐ No	Comments:

1. **Electrical floor plans** should show:

   a) locations of all panel boards, switchboards, and transformers
   b) locations of all lighting outlets and power outlets
   c) locations of all motors, compressors, heaters and stationary appliances/identification for each lighting outlet, power outlet, motor, etc.
   d) branch circuit connecting lines for each lighting and power outlet
   e) home run arrows with branch circuit identification for each lighting outlet, power outlet, motor, appliances, etc.
   f) equipment and fixture schedules (on plans or in specifications)

2. **One line riser diagram** should show the following: **See sample form**

   a) a clearly identified service point
   b) service and feeder wire sizes and counts
   c) service and feeder overcurrent protection
   d) service and feeder conduit sizes and counts
   e) switchboard and panel board bus rating indicating main lug or main circuit breaker

3. **Specifications:**

   Detailed description of the equipment that will be installed, what wiring methods will be used, and systems

4. **Load calculations** should show: **See sample form**

   a) panel name
   b) panel bus rating
   c) voltage
   d) total connected load in VA or KVA
   e) a breakdown of total connected load into code categories
   f) demand factor applied to each category of load
   g) total calculated demand in VA or KVA
   h) total calculated amps

5. **Available fault current calculations** should show:

   a) available fault current at the service point
   b) point-to-point calculation of fault current at switchboards and panel boards, or
   c) vectorial calculations of fault currents at clearly identified nodes in the distribution system

6. **Panel schedules** should show: **See sample form**

   a) panel identification
   b) bus rating
   c) voltage rating
   d) "main lug only" or main breaker size
   e) double lugs or feed-through lugs
   f) description or coding of each branch circuit
   g) connected load of each branch circuit in KVA or VA
   h) total connected load for each phase in KVA or VA
   i) total connected load in KVA or VA